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(54) Title: METHODS OF IDENTIFYING COMPOUNDS THAT MODULATE IGG MEDIATED MAST CELL ACTIVATION

(57) Abstract: The present invention relates to methods for identifying compounds capable of modulating Fcg receptor signaling pathway in mast and/or basophil cells. The invention further relates to methods for identifying compounds for use as therapeutic agents in the treatment of disorders related to activation of Fcg receptor signaling cascade.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/24650

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12P 1/00; C12N5/00, 02

US CL : 435/41, 325,326,375

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/41, 325,326,375

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y,E	WO 03/074652 A2 (THE REGENTS OF THE UNIVERSITY OF CALIFORNIA)12 September 2003 (12.09.2003) see entire document, Abstract in particular	1-30
X,P	WQ 03/020896 A2 ( RIGEL PHARMACEUTICALS ,INC.) 13 March 2003 (13.03.2003) see entire document	1- 30
Y,P	WO 02/101071 A2 ( RIGEL PHARMACEUTICAL,INC.) 19 December 2002 (19.12.2002) see entire document, Abstract in particular	1-30
Y	WO 98/55152 A2 ( BAYLOR COLLEGE OF MEDICINE) 10 December 1998 (10.12.1998) see entire document, Abstract in particular.	1-30

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

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document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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**INTERNATIONAL SEARCH REPORT**

**PCT/US03/24650**

**Continuation of B. FIELDS SEARCHED Item 3:**

**BIOSIS,CAPLUS,SCISEARCH,MEDLINE,EMBASE,USPATFULL,PCTFULL**

**Search terms:Rossi,A, mast cell, degranulation, drug screening, Fc receptor, IgE, prime cell**